ISSUED EVERY PRIDAY, BY CLARKE & CRAIG. PRINCIPLES AND PROPRIETORS. D. W. CRAIG. S. A. CLARKE.

SALEM, FRIDAY, JAN. 17, 1879.

Terms of Subscription.

Farmers and Congress.

That the agricultural community is at length beginning to assert itself, and that it is beginning to appreciate that tors, both state and national, to look a without entering Into political discussions, or printing columns of semipolitical clap-trap often indulged in for tural papers claiming to be edited by "practical farmers," has persistently with members of the legislature and would be well that agricultural conven- Niehardt, in Bee Keepers' Guide. tions and individuals keep this constantly in mind in this day of subsidy conventions, many of which go by another name and only show the cloven hoof closely covered. The document is as follows:

tion of nearly all our wealth, and it is ed, the horse having a capacity of one mainly through the exportation of its hundred and ninety quarts, against products that we are paying off our one hundred of the ox. The ox and large indebtedness, foreign and domess | most other animals have a gall-bladder tie, and have the present large balance for the retention of a part of the bile of trade in our favor; and,

interest, commercial and otherwise. yet but little has been done by the general government to promote agriculture, while other lass general and imaided; therefore,

Resolved by the Senate (the House hereby, instructed to consider generally the subject of agriculture, and reernment to better advance, encourage power to send for persons and papers.

desirable vine, says the American Garinches long and four or five inches in dlameter. A dark-colored hyacinth the potato, but a common glass fruitcan or small earthen jar will do. Fill the vessel with rain water and stand the potate in the mouth of it, allowing proper digestion of hay, consequently only two or three inches of the potato it seems logical, when feeding a conto go down into the water. Set in a centrated food like oats, with a bulky warm, bright place to sprout, filling up one like hay, to feed the latter first, the holder with water as fist as it evaporates. Probably a great many tween the repasts to be digested .sprouts will start at once in quick succession; break off all but three or four of these, as your vine will, by so doing, be much longer and more luxuriant. Nothing will now be needed for the perfection of the vine, except to keep ploughing read before the Connecticut the vessel filled with rain water.

of indolence or want of confidence in ling it up to the air and enriching it ourselves, educate and enlighten our with manure. Our agricultural society minds, and boldly assume our rights, committees, by their premiums for and strive to sustain them with a dig- smooth shiny flat furrows, have done nity commensurate with our imports the community great harm. Such as ance. If the grange would select some oftenest takes the premium is the very of its most intelligent, sensible men, to poorest kind of ploughing. The soil is investigate the leading questions com- best ploughed when it is most thorprising our political system, not as oughly crushed, twisted and broken partisans, but as honest men, in honest with the sod well covered. On some duty, reporting the results of their in- kinds of soil I would have the furrows vestigation, it would tend much to lapped an inch, as the Canadian farmstrengthen thought and inquiry ers plough. Let the air and water amongst us, and be the means to some have a chance to circulate beneath the

extent, at least, of cleansing and puri- surface. Light lands, however, should fying the political atmosphere of the country.-Canadian Farmer,

Farmers and Bees. Everything in bee-keeping does not

which many farmers keep their bees, almost force one to conclude that they keep them successfully, and that in One copy, six months (28 nur bers) 1.25 reality they should not make any at-farmers who can keep bees, at least enough to supply themselves with honey sufficient for the wants of their own families. The farmer who has sufficient sense to plant corn at the right time, and energy to eradicate the weeds and stir the soil to insure a good Tuesday, Dec. 31st, or Wednesday, Jan. 1st. crop, can keep bees. The man that A reasonable price will be paid for informait must act as a body to induce legisla- adorns his home with shrubs and flowers, raises delicious fruits for his table, little more to its interests, is becoming and desires the education of his chilquite evident. The Prairie Farmer, dren in every useful art that agriculture and home affords, will keep them. On the other hand the one who has not the interest or energy to do all sensational purposes by certain agriculthese things, need not expect to get either money or honey from bee-culture. Some of the requisites to care, advised that if farmers are ever to even for a few stock of bees, are, first, make themselves and their wants felt, a love for the bees. No one succeeds it must be done by keeping themselves well who keeps bees with only large posted on current matters, by action in profits in view, for in this business "he convention, and especially insisting, who maketh haste to be rich," will surely fail into a snare. Second, congress, both orally and by letter, that knowledge and energy to do the right their just wants shall be attended to. thing at the right time. This can be That they are beginning to appreciate attained by reading and observation, this, we say is evident. A straw, at and time and money thus expended showing something of the benefits of will prove a good investment. Third, this mode of action, will be found in faith that bees will pay if rightfully the preamble and resolutions intro- ke, t. A like faith is necessary in this duced by Senator Davis, of West Vir- vocation as that which the farmer exginia, in congress a few days ago. It croises in all his farm matters -G. W.

Digestion in the Horse.

The horse's stomach has a capacity of only about sixteen quarts, while that of the ox has two hundred and fifty. In Whereas, Agriculture is the founda. the intestines this proportion is reverssecreted during digestion; the horse Whereas, Although about one-half has none, and the bile flows directly of the people of this country are en- into the intestine as fast as secreted. gaged in agricultural pursuits, and all This construction of the digestive apother interests are dependent upon paratus indicates that the horse was this, our leading and most important formed to eat slowly and digest cortinually bulky and innutritious food. When fed on hay it passes very rapidiy through the stomach into the intestine. The horse can eat but about five portant interests have been largely pounds of hay in an hour, which is charged, during mastication, with four times its weight of saliva. Now the of Representatives concurring.) That stomach, to digest well, will contain the committees on agriculture of the but about ten quarts, and when the respective houses be, and they are animal eats one-third of his daily ration, or seven pounds, in one and onehalf hours, he has swallowed, at least, port, by bill or otherwise, what can or two stomachfuls of hay and saliva, ought to be done by the general gov- one of these having passed to the intestine. Observation has shown that and foster agricultural interests; and the food is passed to the intestine by that said committees shall have the the stomach in the order in which it is received. If we feed a horse six quarts of oats it will just fill his stomacn; and SWEET POTATO VINE.-This really him the above ration of seven pounds den, for the house, is a rapid grower quarters of an hour to have forced the of hay, he will eat sufficient in threeand is much more delicate in appear- oats entirely out of his stomach into ance under house culture than when the intestine. As it is the office of the grown out of doors. Select (the earlier stomach to digest the nitrogenous parts the better) a well-ripened tuber of the of the food, and as a stomachful of oats Red Nansemond variety—said to be a contains four or five times as much of most vigorous grower-eight or ten these as the same amount of hay, it is certain that either the stomach must glass is a suitable and pretty holder for fast, which is hardly possible, or it must retain this food five times as long. By feeding the oats first, it can only be retained long enough for the giving the grain the whole time be-

How to Plongh.

Professor Stockbridge, in an essay on State Board of Agriculture, said that there are two kinds of soil on every There are questions, political in their man's farm-the agricultural soil and nature, constantly coming up before the sub-soil. "The agricultural soil our notice, demanding our immediate may be two inches deep, or it may be and earnest attention; questions effect. | nine, but it is not twenty feet. | It is no ing our welfare as a class, and which deeper than the air can penetrate. If the we should be ready to grapple with agricultural is too shallow it may be like men, but which we shall never be gradually deepened by lifting an inch able to do until we shake off this spirit of the sub-soil at each ploughing bringhave a flat furrow; we wish to make such lands more compact."-New York

The failure of the negot'ations between Mgr. Masella and Prince Bisdepend upon location. The manner in marck recalls the mot of Niebuhr. "There are two sorts of negotiations with the Roman curia," said he; "those are ofther too incolent or ignorant to which a common clerk could conduct to an end, and those which the Arch-angel Gabriel couldn't.."

Strayed,

From the residence of the undersigned, in South Salem, a horse colt that will be two years ald next spring. He is very dark color, and will be dar's brown or bay; is medium size, and to have followed off some other horses on tion, or his return. S. A. CLARKE.

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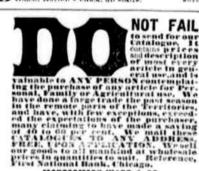
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